

Application No.09/254,058

Attorney Docket: 2016-11

Claim Amendment under 37 C.F.R. §1.121RECEIVED
CENTRAL FAX CENTER
NOV 20 2006

Claims 1-5, 16-31, 34 and 36-50 (not entered)

Claims 6-15, 32-33, 35 and 51 (canceled).

Claim 52. (new) A foreign language learning terminal, comprising:

an input means for identifying selected pre-recorded language learning data which a user desired to obtain from an internet-based communication network, said language learning data including audio data and caption data;

an interface means responsive to said input means for receiving the identified language learning data from the internet-based communication network;

a first memory means for storing the identified language learning data;

a controller means for separating the identified language learning data into a caption data component and an audio data component, and synchronously outputting the caption and audio data components to a display;

a coder-decoder (CODEC) means for receiving the audio data component under the control of the controller means, said CODEC means converting the audio data component into analog audio signals, and outputting the analog audio signals; and

a driver means for driving the display to display the caption data component under the control of the controller means.

Claim 53. (new) The language learning terminal of claim 52, further comprising:

a mark number indicating a subdivision of the caption data; and

a second memory means for storing an address of each caption data component.

Claim 54. (new) The language learning terminal of claim 52, further comprising an amplifier for amplifying the analog audio signals and outputting the amplified analog audio signals to at least one of a speaker or an earphone.

Claim 55. (new) The language learning terminal of claim 52, wherein the first memory means is a memory module that is removable from the language learning terminal.

Application No.09/254,058

Attorney Docket: 2016-11

Claim 56. (new) The language learning terminal of claim 52, wherein the first memory means is a flash memory.

Claim 57. (new) The language learning terminal of claim 53, wherein the controller means comprises:

a digital signal processor (DSP) means for separating the learning data received by the interface means into the caption data component and the audio data component at the time of receiving the learning data, said DSP means storing the separated caption data component and audio data component in the first memory means, said DSP means operable in a play mode wherein the DSP means reads the caption data component and the audio data component stored in the first memory means based on the address stored in the second memory means; and

a microprocessor means for outputting the audio data component corresponding to the mark number, and the caption data component to the DSP means when the interface means receives the learning data from the internet-based communication network.

Claim 58. (new) The language learning terminal of claim 57, wherein the audio data component separated by the DSP means is converted into analog audio signals through the CODEC means, and the caption data component separated by the DSP means is transmitted to the driver means through the microprocessor means.

Claim 59. (new) The language learning terminal of claim 53, wherein the microprocessor means reads a current mark number when a forward or a reverse switch is input into the microprocessor means, and wherein the microprocessor means outputs a next or a previous mark number to the DSP means so that the DSP means plays the next or previous caption data component and the audio data component.

Claim 60. (new) The language learning terminal of claim 53, wherein the microprocessor means operates in a first logic state to output the mark number and the caption data component to the DSP means when the learning data received from the internet-based communication network is the caption data, and wherein the microprocessor means operates in a second logic state to output the audio data component to the DSP means when the learning data received from the internet-based communication network is the audio data.

Application No.09/254,058

Attorney Docket: 2016-11

Claim 61. (new) A caption-based foreign language learning terminal, comprising:

an input means for identifying selected pre-recorded language learning data which a user desired to obtain from an internet-based communication network, said language learning data including audio data and caption data;

a communication interface means responsive to said input means for receiving the identified language learning data through the internet-based communication network;

an internal memory for storing the identified language learning data received from the internet-based communication network;

a digital signal processing/central processing unit (DSP/CPU) means for separating the identified language learning data into the caption data and audio data, said DSP/CPU means outputting at least one of the caption data and audio data;

a coder-decoder (CODEC) means for receiving the audio data output by the DSP/CPU means and converting the audio data into analog audio signals; and

a driver means for driving a display to display the caption data by the DSP/CPU means.

Claim 62. (new) The language learning terminal of claim 61, wherein the DSP/CPU means outputs the caption data synchronized with the audio data to the display.